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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 032170116PCT U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/592924
INTERNATIONAL APPLICATION NO. PCT/US2005/009701	INTERNATIONAL FILING DATE 23 March 2005	PRIORITY DATE CLAIMED 23 March 2004
TITLE OF INVENTION APPARATUS AND METHOD FOR IMPROVING RELIABILITY OF COLLECTED SENSOR DATA OVER A N		
APPLICANT(S) FOR DO/EO/US Shoubhik Mukhopadhyay, Sujit Dev, Debasis Panigrahi		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: 5 sheets formal drawings		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.414. If you are submitting information, you must submit the completed form to the USPTO of time you require to complete this form and/or suggestions for reducing this burden, send them to the Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FORMS TO THE Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Sep. 14, 2006
Date

Express Mail Label No.: EV032733784US

U.S. APPLICATION NO. (if known, See 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg); position: absolute; top: 10px; left: 10px;">10/592924</div>		INTERNATIONAL APPLICATION NO. PCT/US2005/094493		ATTORNEY'S DOCKET NUMBER 032170116PCT																	
The following fees have been submitted				CALCULATIONS PTO USE ONLY																	
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300																	
22. <input checked="" type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$ 200																	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$ 500																	
TOTAL OF 21, 22 and 23 =				\$ 1000																	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																		
- 100 =	/50 =		x \$250																		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">25 - 20 =</td> <td style="text-align: center;">5</td> <td style="text-align: center;">x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">5 - 3 =</td> <td style="text-align: center;">2</td> <td style="text-align: center;">x \$200</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">+ \$360</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	25 - 20 =	5	x \$ 50	Independent claims	5 - 3 =	2	x \$200				+ \$360	\$ 250 \$ 400 \$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																		
Total claims	25 - 20 =	5	x \$ 50																		
Independent claims	5 - 3 =	2	x \$200																		
			+ \$360																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$																	
TOTAL OF ABOVE CALCULATIONS =				\$ 1650																	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				825																	
SUBTOTAL =				\$ 825																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$																	
TOTAL NATIONAL FEE =				\$																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 120																	
TOTAL FEES ENCLOSED =				\$ 945																	
				Amount to be refunded:																	
				Amount to be charged:																	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 945 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																					
SEND ALL CORRESPONDENCE TO: GREER, BURNS & CRAIN, LTD. 300 South Wacker Drive, Suite 2500 Chicago, IL 60606 (312) 360-0080 Customer No. 24978																					
<div style="text-align: right;"> SIGNATURE Steven P. Fallon NAME 35,132 REGISTRATION NUMBER </div>																					